

WHAT IS CLAIMED IS:

1. A mobile radio apparatus which selectively transmits one or some of candidates of a plurality of spread codes and selects one or more candidates of the
5 transmitted spread codes among a database of spread code and performs synchronization with the transmitted spread codes, said mobile radio apparatus comprising:

10 receiver configured to rearrange a group data of spread code based on frequency of the spread code and generate a database of spread codes based on the rearranged group data.

2. A mobile radio apparatus as claimed in claim 1, wherein the receiver updates the database every time a candidate of spread codes is specified.

15 3. A mobile radio apparatus as claimed in claim 1, wherein searching is performed in order based on higher priority.

20 4. A mobile radio apparatus as claimed in claim 3, wherein, in the case where a candidate of spread codes meeting a preset condition has been detected, the receiver judges that the candidate of spread codes has been successfully specified, and stops the subsequent processing.

25 5. A mobile radio apparatus as claimed in claim 1, wherein the receiver adaptively changes the number of the database elements to be searched.

6. A mobile radio apparatus as claimed in

claim 5, wherein the receiver represents a use frequency of the candidate of each spread code in the database by a use rate, and only the use rate indicating a rate equal to or greater than a use frequency specified in advance is targeted for search.

7. A control device in a mobile radio apparatus which selectively transmits one or some of candidates of a plurality of spread codes and selects one or more candidates of the transmitted spread codes among a database of spread code and performs synchronization with the transmitted spread codes, the control device comprising;

control section configured to rearrange a group data of spread code based on frequency of the spread code and generate a database of spread codes based on the rearranged group data.

8. A control device in a mobile radio apparatus as claimed in claim 7, wherein the control section updates the database every time a candidate of a spread code is specified.

9. A control device in a mobile radio apparatus as claimed in claim 7, wherein searching is performed in order based on higher priority.

10. A control device in a mobile radio apparatus as claimed in claim 7, wherein, in the case where a candidate of a spread code meeting a preset condition has been detected, it is assumed that the candidate

of the spread code has been successfully specified, and the subsequent processing is stopped.

11. A control device in a mobile radio apparatus as claimed in claim 7, wherein the number of the databases to be searched is adaptively changed.

12. A control device in a mobile radio apparatus as claimed in claim 11, wherein the use frequency of each candidate in the database is represented by a use rate, and only the use rate indicating a rate equal to or greater than a use frequency specified in advance is targeted for search.